PINs IN

LED Matrix
70 mm x 70 mm x 3,5 mm

PINs OUT

front total length:
$l\_top = 40$
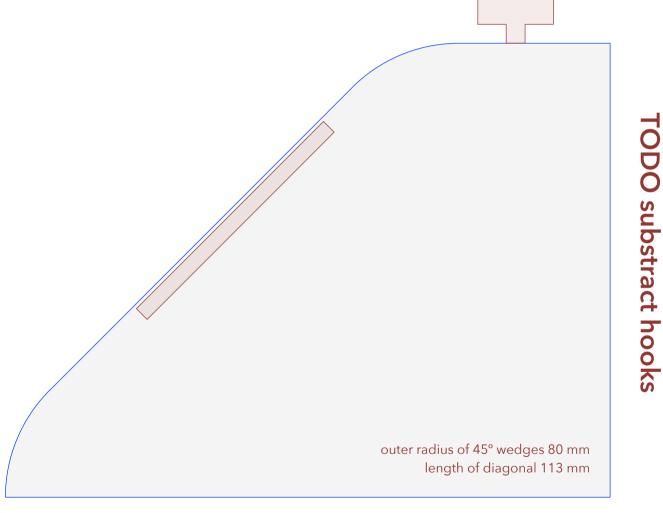$l\_wedge = (2*pi*40) / 8 = 10 * pi = 31,5$
$l\_wedge\_together\_horiz = 40$
$l\_width\_horiz = 160$
$l\_diag\_horiz = l\_width\_horiz - l\_wedge\_together\_horiz - l\_top = 80$
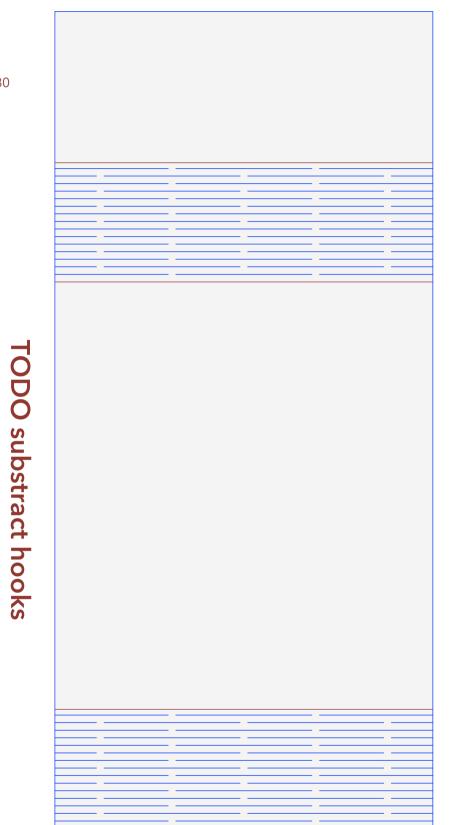$l\_diag = sqrt(l\_diag\_horiz ^ 2 + l\_diag\_horiz ^ 2) = 113$
$l\_total = 2* l\_wedge + l\_diag + l\_top = 216$

TODO add hooks

Bending best-prectices:
Use 2 mm vertical and horizontal spacing between slits.
Use approximate length of 40 mm for slits.

TODO substract hooks

TODO substract hooks

TODO substract hooks

TODO substract hooks

outer radius of 45° wedges 80 mm
length of diagonal 113 mm

TODO substract hooks

TODO add hooks

**TODO add bottom plate, other side, TR logo,
holder for matrix, hole for matrix, hole for switch**